

FIG.1

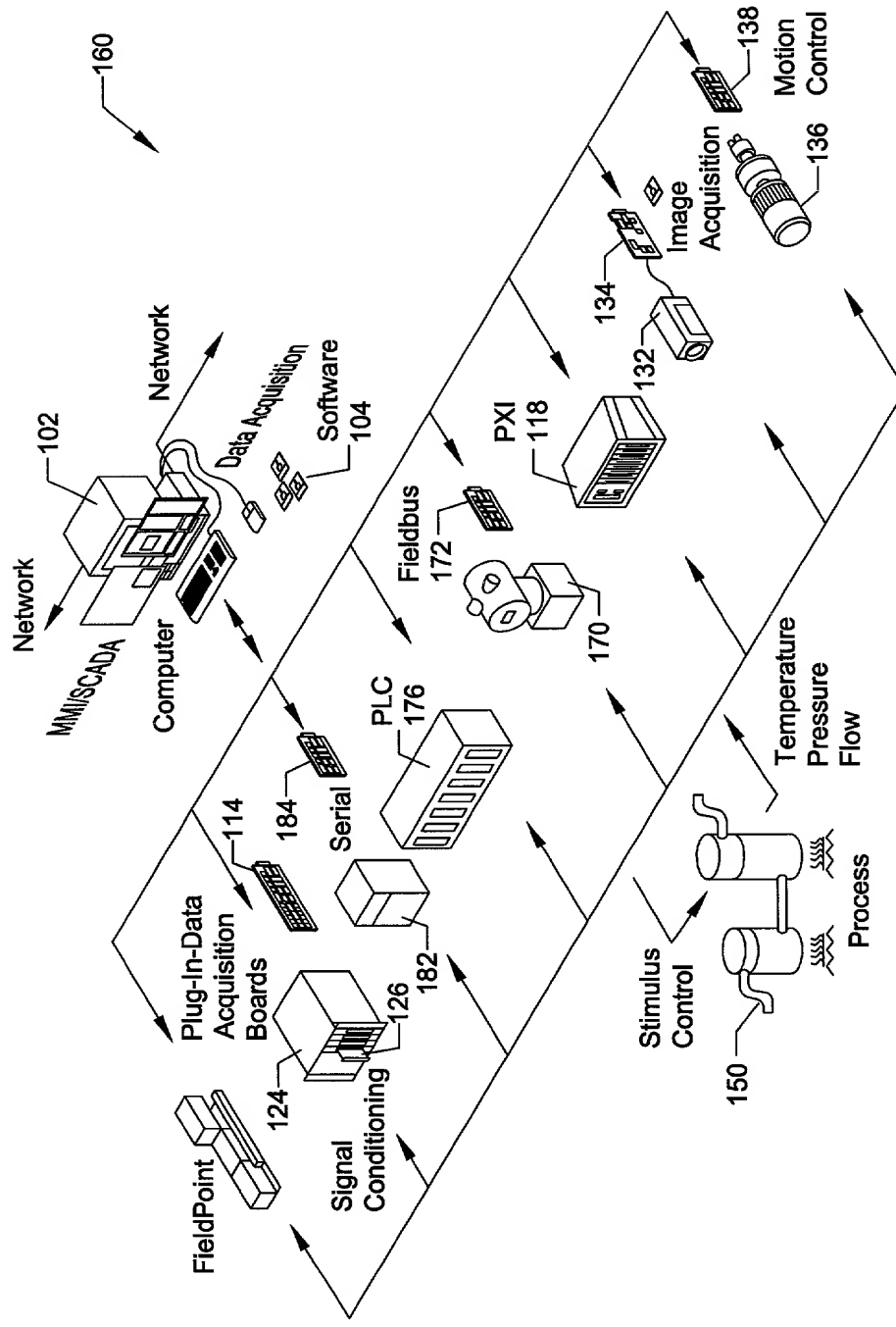


FIG. 2B

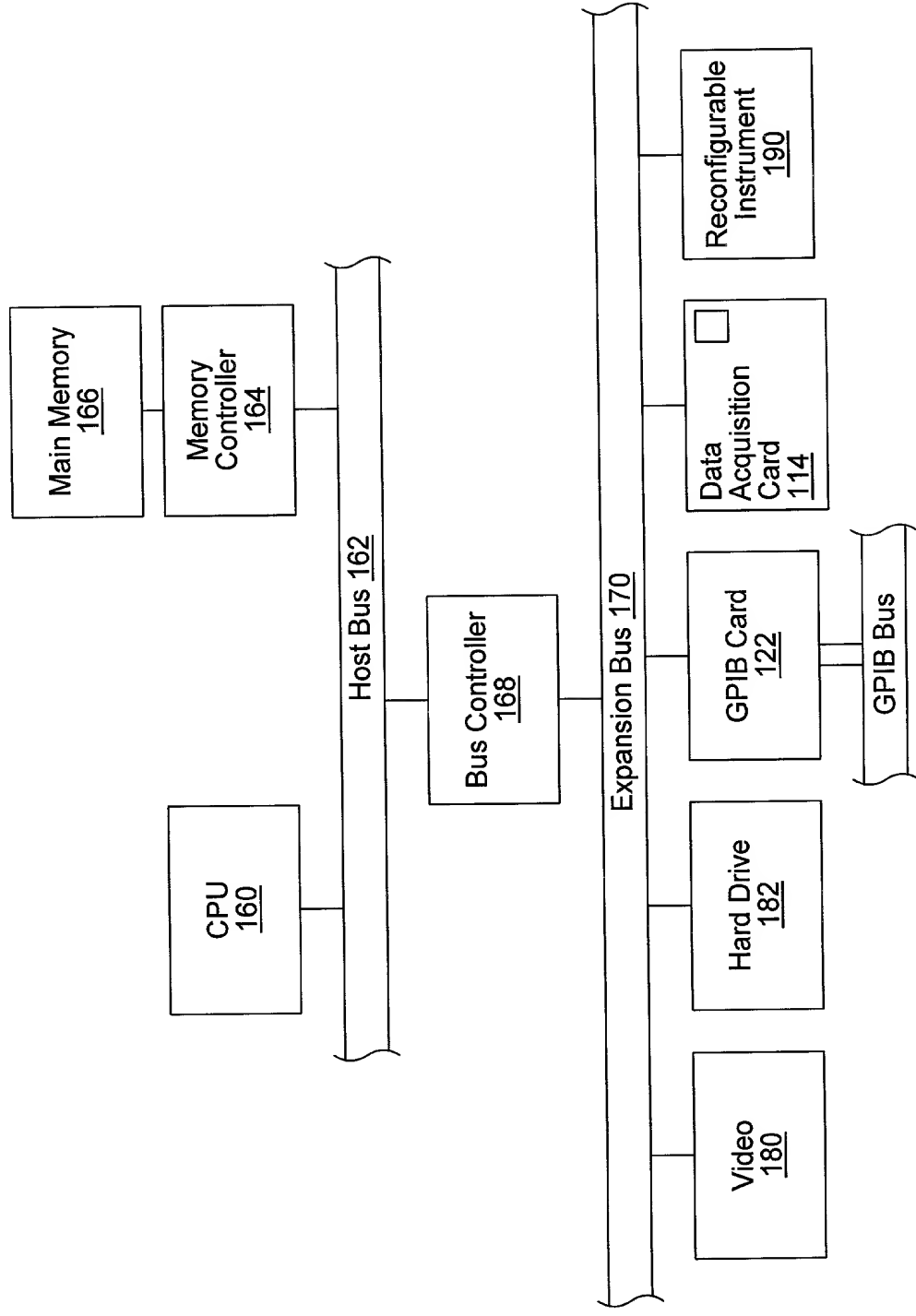


FIG. 3

Developer creates a graphical program generation (GPG) program, wherein the GPG program is operable to generate a plurality of graphical programs, based on received information
200

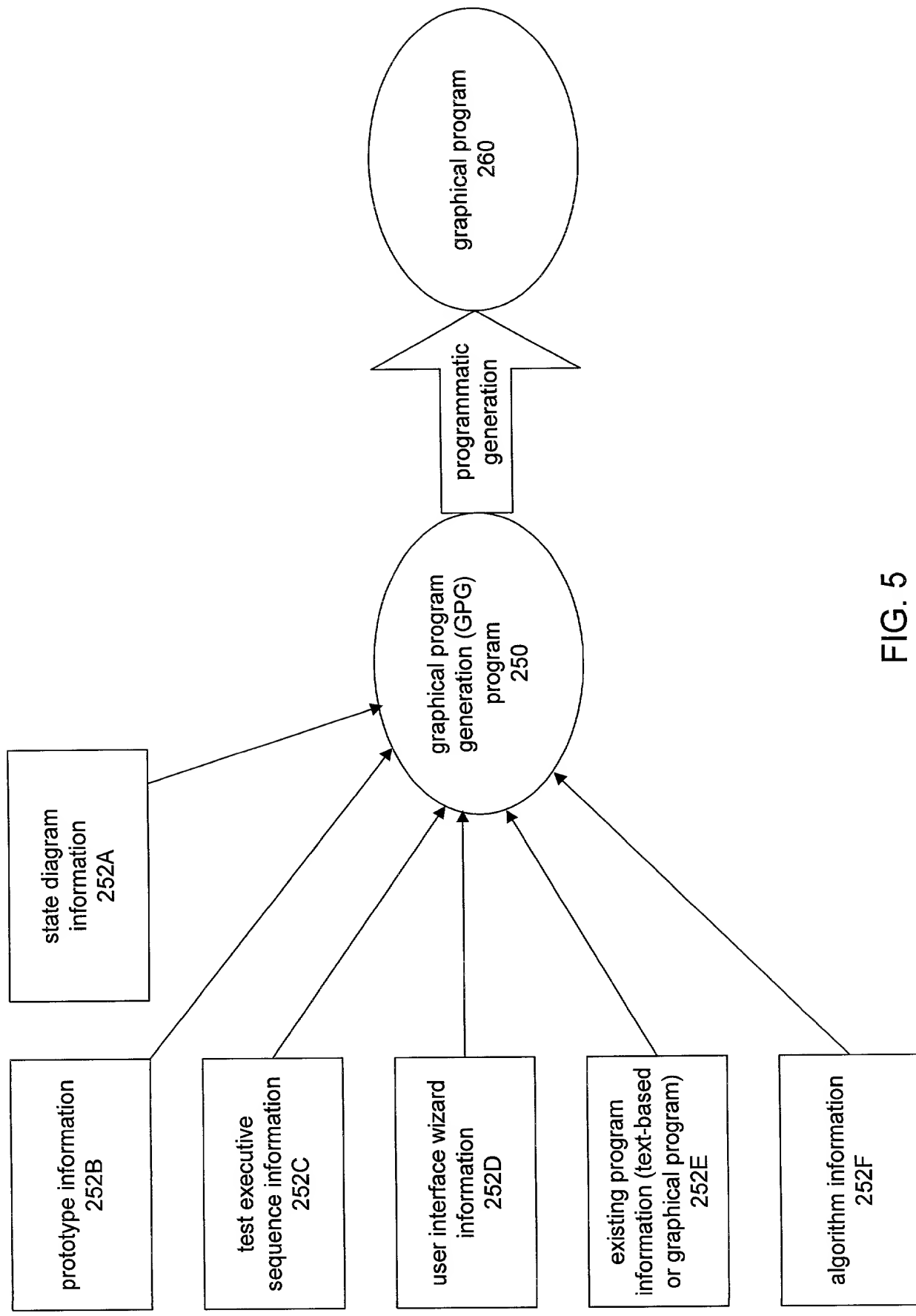
Specify program information, e.g., in response to user input, wherein the program information specifies desired functionality to be implemented in a graphical program
204

execute graphical program generation (GPG) program
206

GPG program receives information specifying functionality for a graphical program (or graphical program portion)
208

GPG program programmatically generates a graphical program (or graphical program portion) to implement the specified functionality
210

FIG. 4



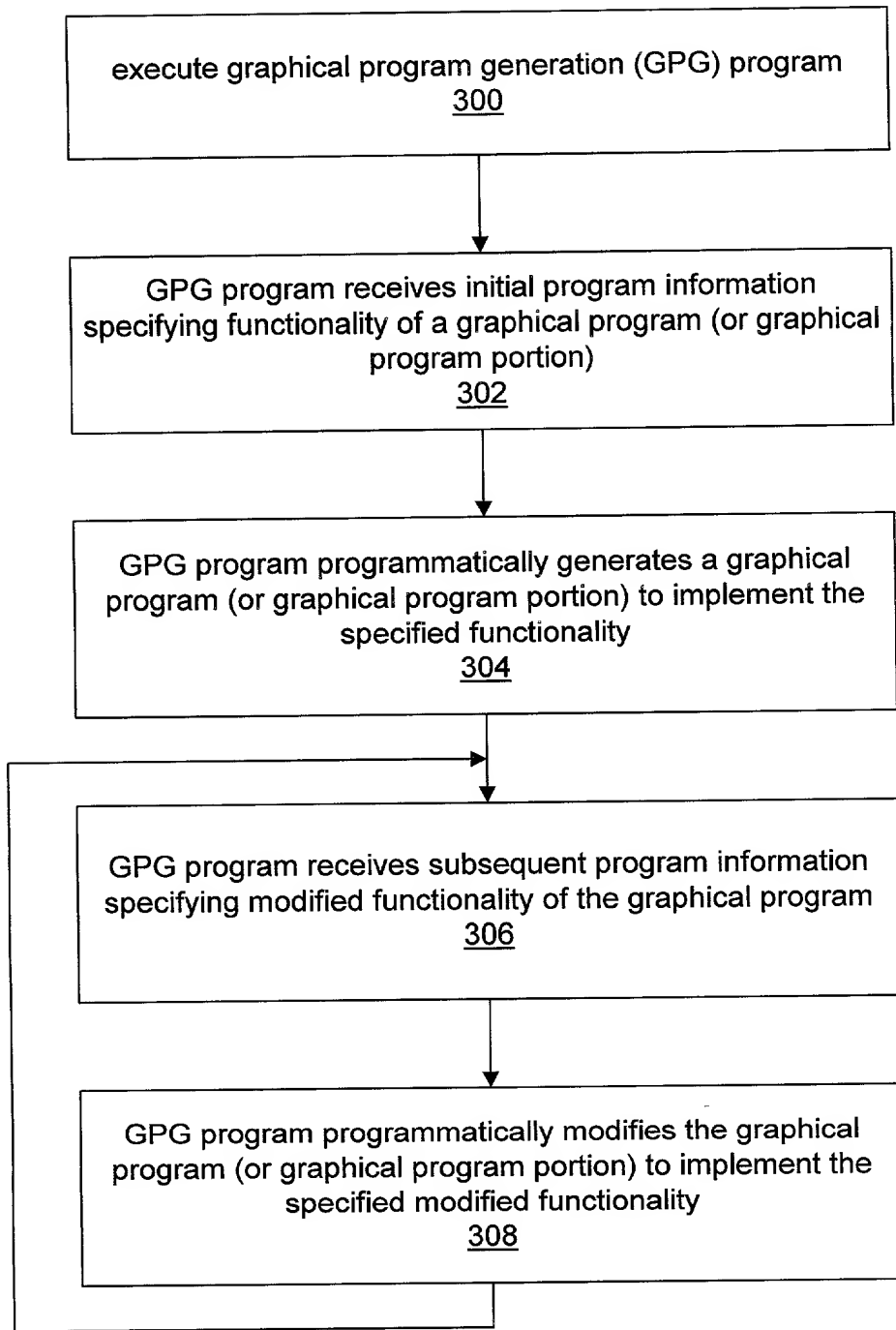


FIG. 6

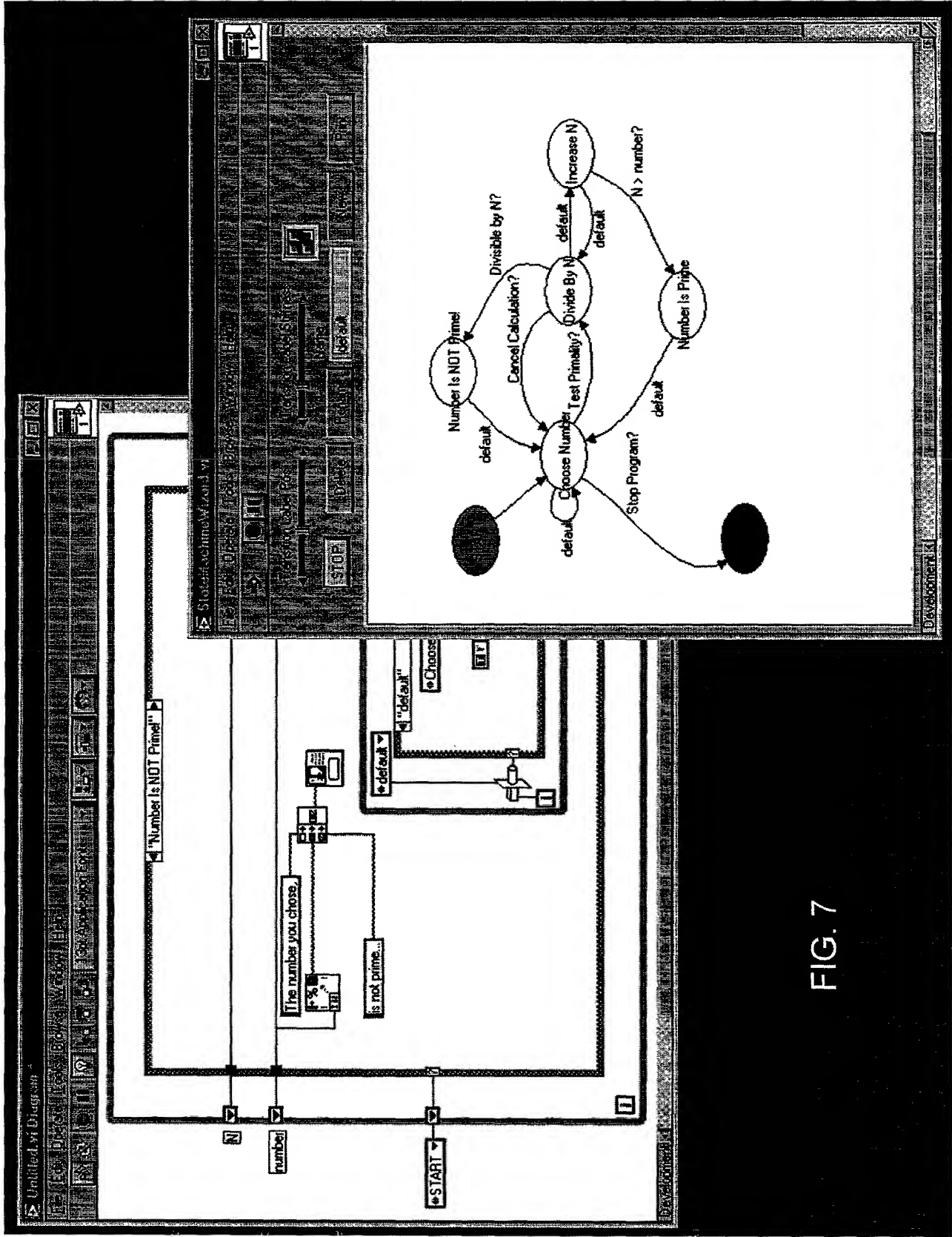


FIG. 7

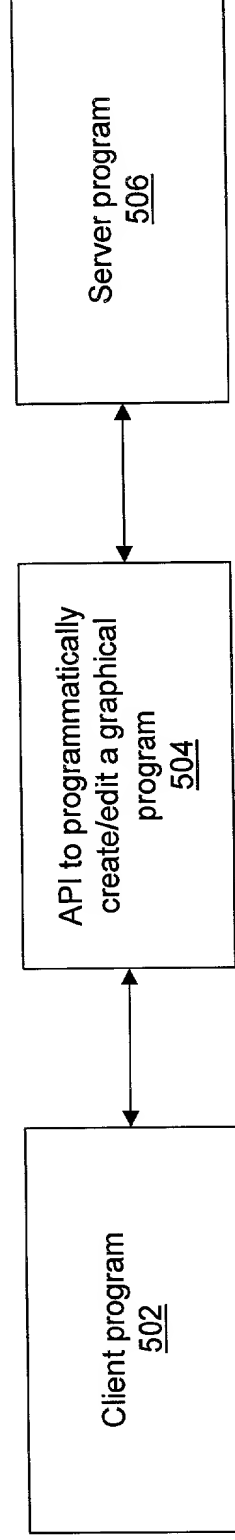
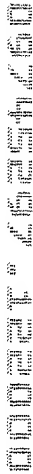
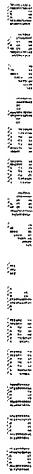


FIG. 8



000221 26254/60

New VI Reference Node

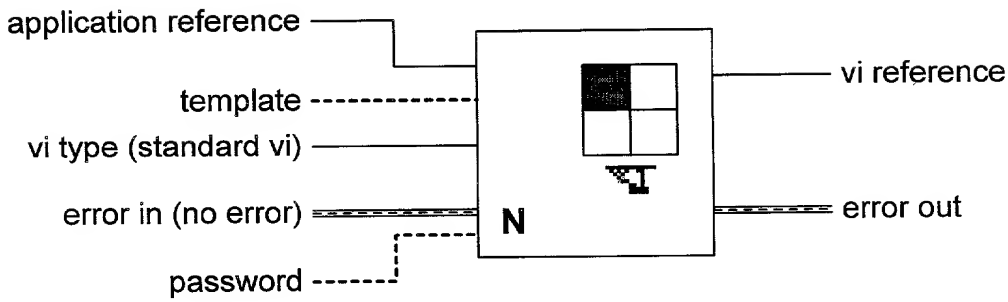


FIG. 11

Open VI Object Reference Node

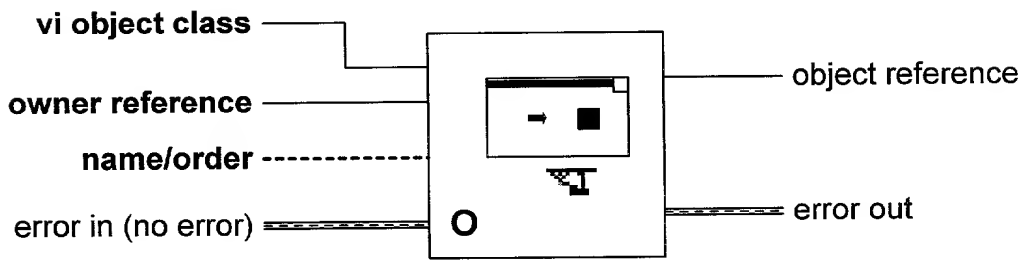


FIG. 12

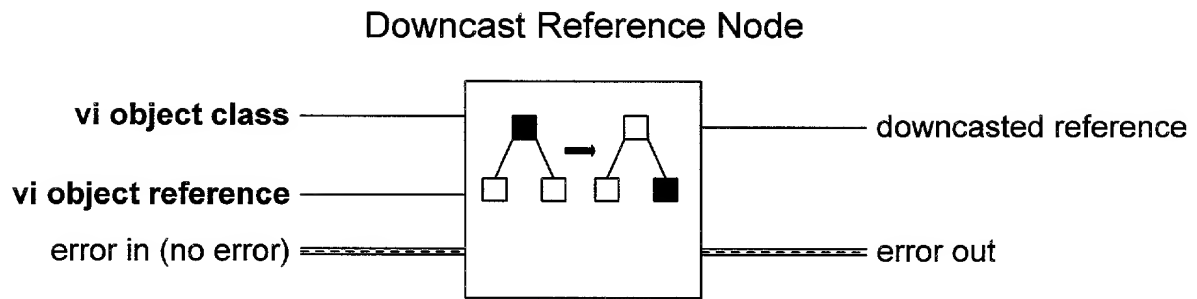


FIG. 15

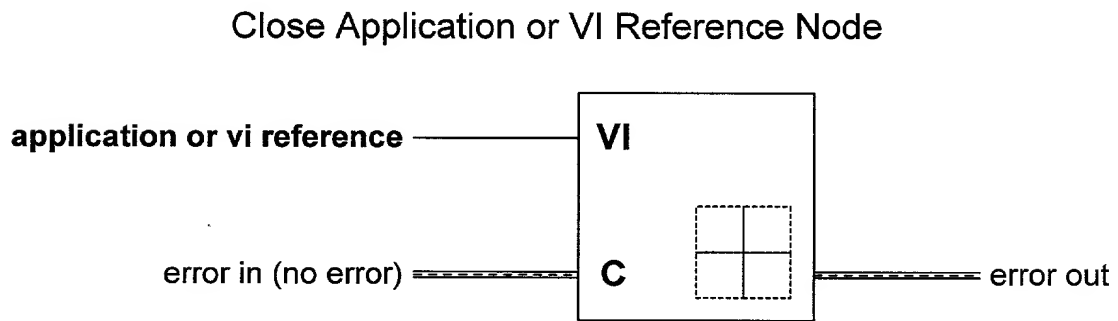


FIG. 16

Call By Reference Node

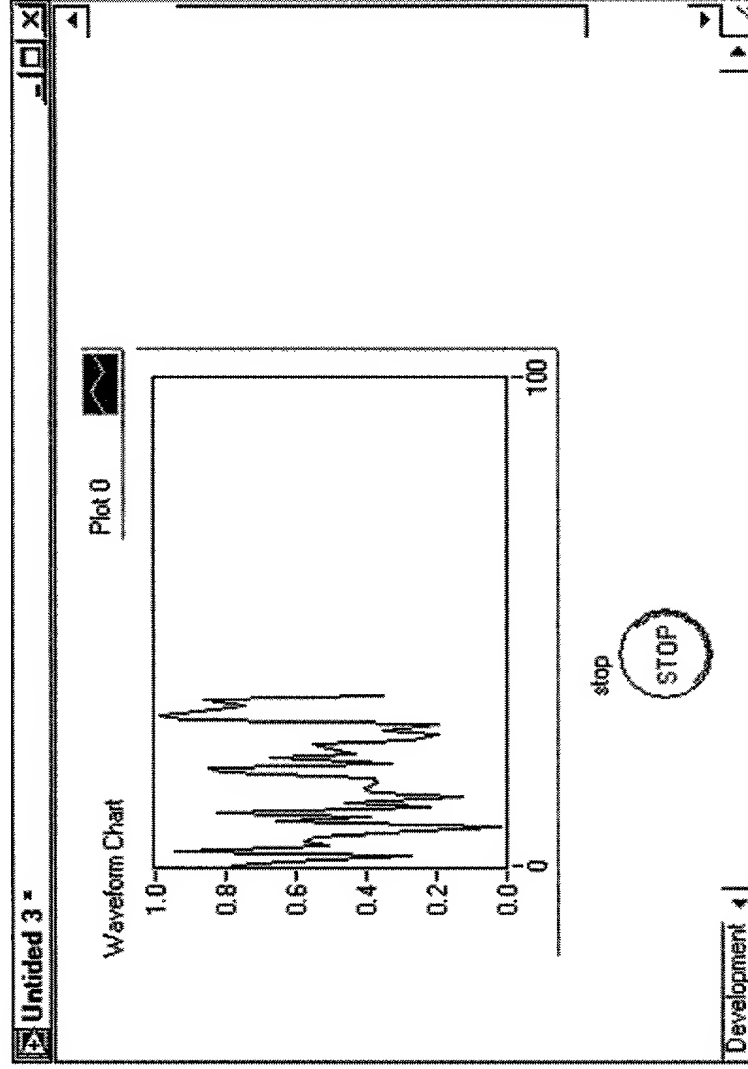


FIG. 23

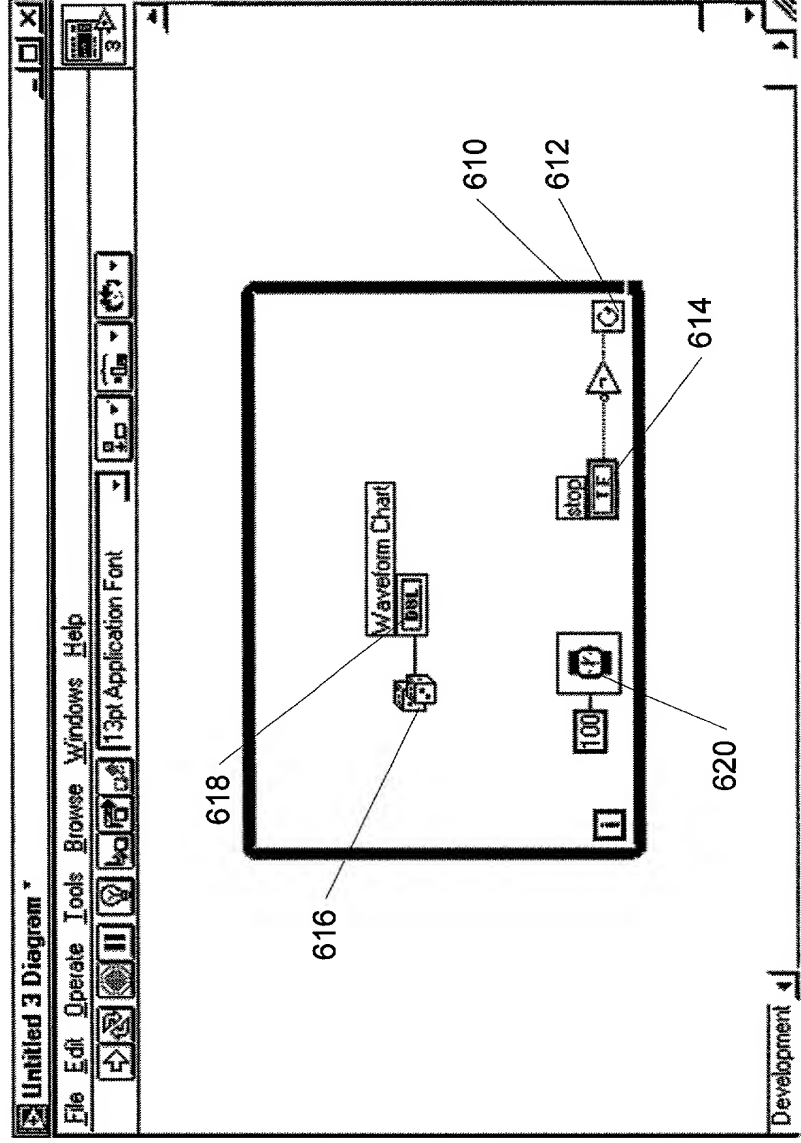


FIG. 24

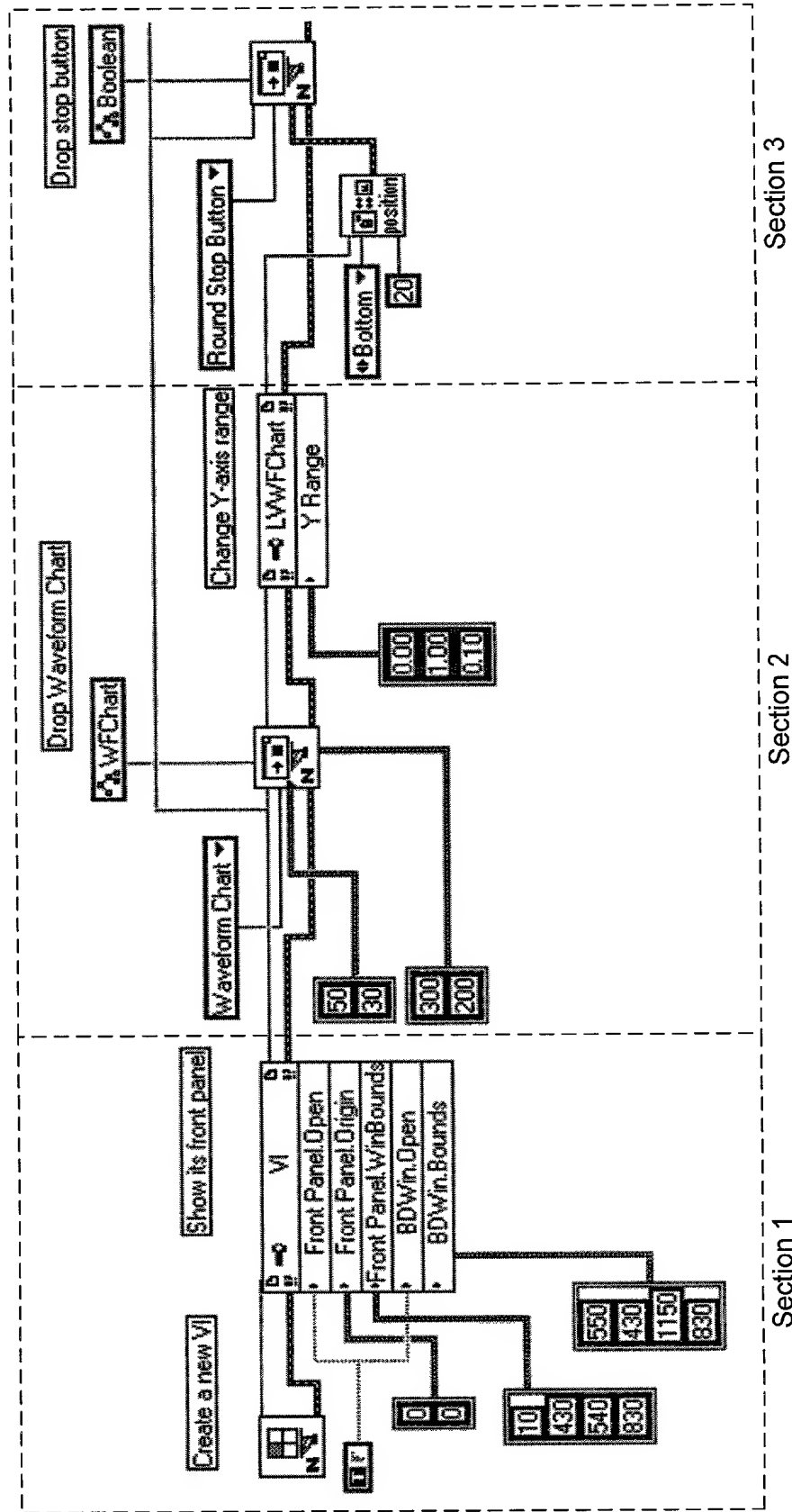


FIG. 25A

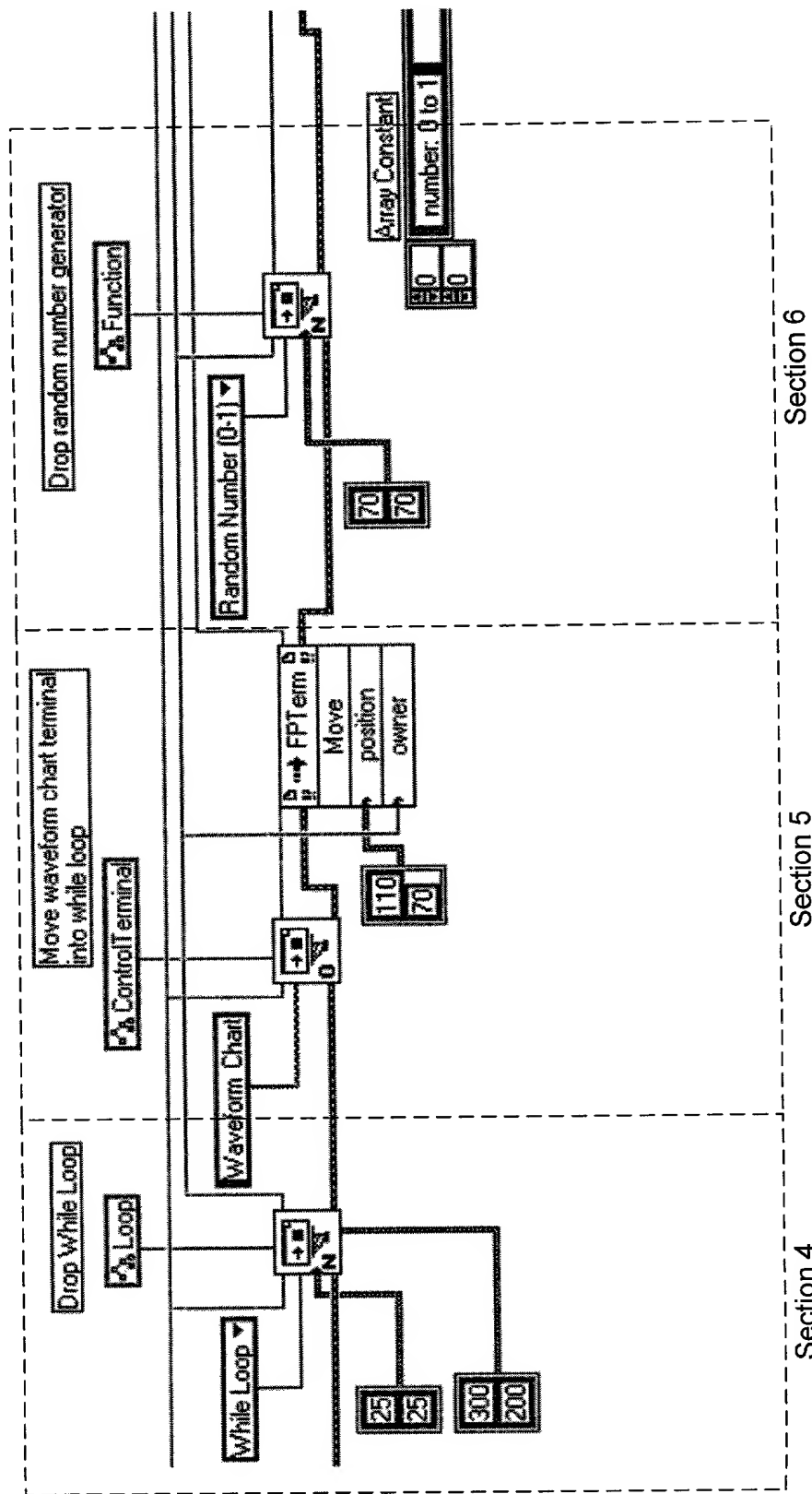


FIG.25B
(Continued)

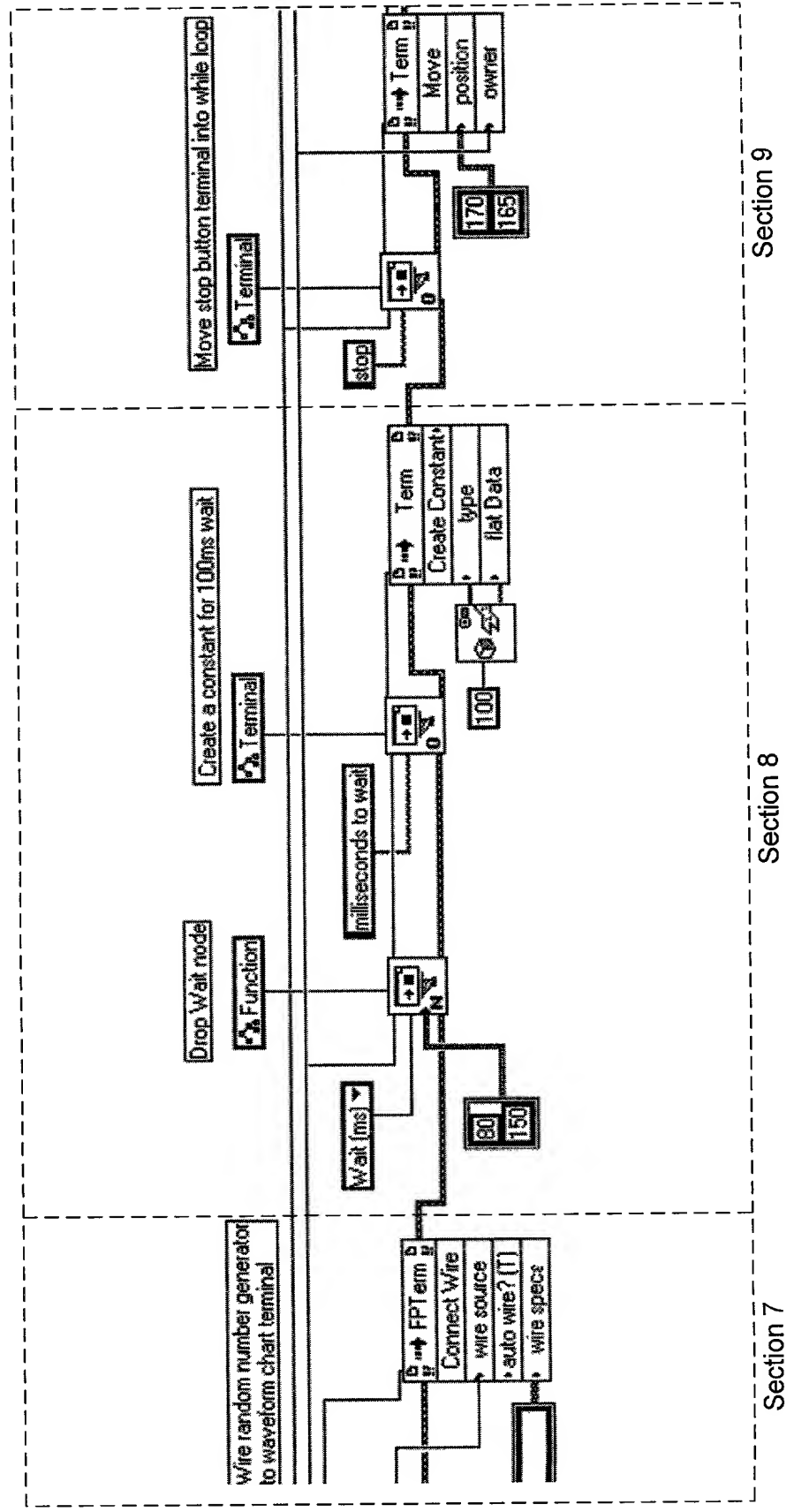


FIG.25C
(Continued)

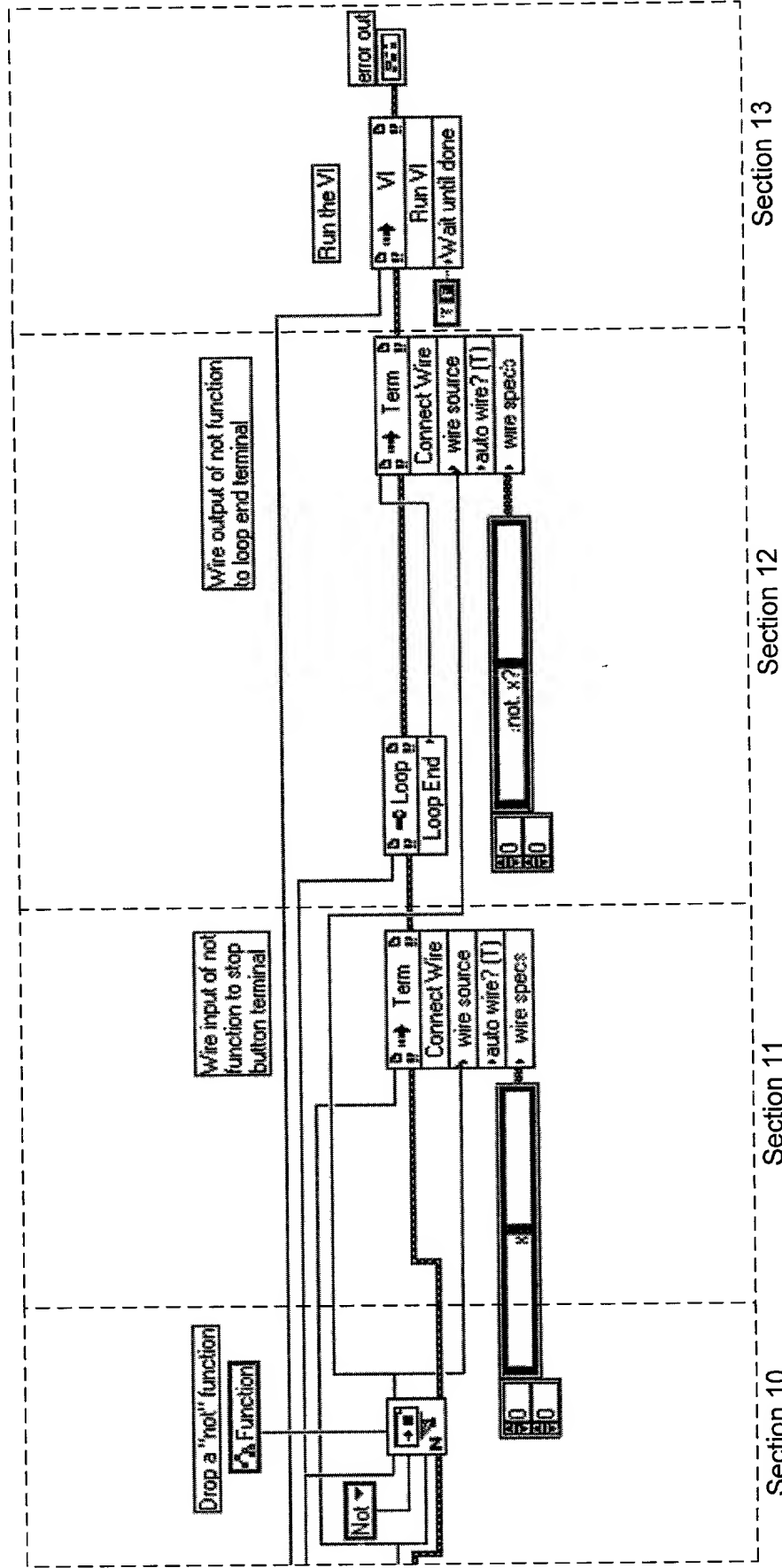


FIG. 25D
(Continued)